



United States Department of Agriculture
Research, Education, and Economics
Agricultural Research service

32th APIARY INSPECTOR'S WORKSHOP MARCH 7 AND 8, 2006

March 7 Beltsville Agricultural Research Center, Building 003, Room 20, Beltsville, Maryland

- 10:30 a.m. Introductory Remarks - Dr. Mark Feldlaufer, Research Leader, BRL, USDA-ARS
- 10:40 Using Tylan to Control AFB - Dr. Mark Feldlaufer, Research Leader, BRL, USDA-ARS
- 11:00 Tylosin Elevated Temperature Stability in Honey - Dr. Jan Kochansky, BRL, USDA-ARS
- 11:20 The Roll of Wax Moth and Drifting Bees in AFB Transmission - Dr. Jeff Pettis, BRL, USDA-ARS
- 11:40 Lunch
- 1:15 p.m. The Honey Bee Genome Project and How it Relates to Bee Diseases - Dr. Jay Evans, BRL, USDA-ARS
- 1:35 Varroa Control Options - Dr. Jeff Pettis, BRL, USDA-ARS
- 2:35 Good Bacteria Associated with Honey Bees - Dr. Jay Evans, BRL, USDA-ARS
- 2:50 Break
- 3:10 APHIS Perspective on a Proposed National Bee Disease Survey - Dr. Colin Stewart, USDA-APHIS
- 3:30 Detecting *Tropilaelaps clareae* at Low Population Levels: Field Experience from India and Bangladesh - Dr. Wyatt Mangum, University of Mary Washington
- 4:00 Vertical and Horizontal Transmission of Bee Viruses - Dr. Judy Chen, BRL, USDA-ARS
- 4:30 Adjourn

March 8 Building 003, Room 20, Beltsville

- 8:00 a.m. Overview of AHB - Dr. Dewey Caron, University of DE
- 8:50 AHB - A Plan of Action for the Mid-Atlantic States - Mr. Dennis van Englesdorp, PA Department of Agriculture
- 9:30 Break
- 9:50 Fluvalinate-Resistant Varroa Mites: an Observational Study on Their Population Dynamics - Dr. Wyatt Mangum, University of Mary Washington
- 10:20 Alternative Varroa Mite Controls - Mr. Dennis van Englesdorp, PA Department of Agriculture
- 10:55 Queen and Drone Anatomy - Mrs. Virginia Williams - BRL, USDA-ARS
- 11:10 Successes with Germplasm Preservation - Mr. Andy Ulsamer - BRL, USDA-ARS
- 11:30 Lunch
- 1:00 p.m. **MAAREC Meeting - Building 003, Room 20, Beltsville**
- 1:15 **Bee Research Laboratory Open House - BARC-E, Building 476, Beltsville**
- Foulbrood Diagnosis
- Tracheal, Varroa, and *Tropilaelaps* Mite Diagnosis
- Testing AFB for Sensitivity to Terramycin and Tylosin
- Honey Bee Genomics

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